Square

|  |  |  |  |
| --- | --- | --- | --- |
| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Rectangle

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| --- | --- | --- | --- |
| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Parallelogram

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| --- | --- | --- | --- |
| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Trapezoid

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| --- | --- | --- | --- |
| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Isosceles Trapezoid

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| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Rhombus

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| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |

Kite

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| --- | --- | --- | --- |
| Criteria | Yes?  🖒 | Almost? | No?  🖓 |
| Use multiple representations   * Mathematical domain (VANG) of question is identified. * Mathematical domain (VANG) of answer is identified. * At least a third representation is present. |  |  |  |
| Connect to prior knowledge   * Giving relevant definitions or properties of math concepts. * Adding “NOT”s * Wrong answers are used as bounds for the problem. |  |  |  |
| Why > How > What   * Claim (what) is given with specific nouns used (no “it”, “this”, “those”) * Evidence (how) is present * Reasoning (why) ties together evidence, prior knowledge, and multiple representations. |  |  |  |